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A disc drive for driving a disc shaped recording medium, comprising: 1. à base: disc rotation driving means disposed on the base for rotating a disc shaped

recording medium loaded in the base;

recording and/br reading means disposed on the base for recording data on and/or reading data from the disk shaped recording medium;

guide means disposed on the base for movably supporting the recording and/or reading means between inner and outer circumferences of the disc shaped recording medium, while the disc shaped recording medium is rotated;

a feeding mechanism disposed on the base for feeding the recording and/or reading means along the guide means; and

a plurality of receiving portions for receiving support for the base, the receiving portions being disposed symmetrically on the base with respect to a center line of the base along the direction of the movement of the recording and/or reading means.

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The disc drive according to claim 1, wherein the base is made of a 2. single metal plate of/1.4 mm to 1.8 mm in thickness.

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3. The disc drive according to claim 1, wherein the disc rotation driving means and the recording and/or reading means are disposed on one side of the base relative to the center line, while the feeding mechanism is disposed on the other side of the base.

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4. The disc drive according to claim 1, wherein each of the receiving portions receives a supporting means with an elastic member for elastically supporting the base.

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5. The disc drive according to claim 4, wherein at least one of the supporting means has a first supporting elasticity and is disposed near the disc rotation driving means, while at least another one of the supporting means has a second

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supporting elasticity different from the first supporting elasticity and is disposed away from the disc rotation driving means.

- 6. The disc drive according to claim 4, wherein at least one of the supporting means is disposed near the disc rotation driving means and supports the base at one height relative to a reference plane, while at least another one of the supporting means is disposed away from the disc rotation driving means and supports the base at a different height relative to the reference plane.
- 7. The disc drive according to claim 1, wherein at least two of the receiving portions are disposed on each side of the base with respect to the center line.
 - 8. An optical disc drive for recording data on and/or reproducing data from an optical disc, comprising:

a base;

disc rotation driving means disposed on the base for rotating an optical disc loaded in the base;

an optical pickup disposed on the base for recording data on and/or reproducing data from the optical disc;

guide means disposed on the base for movably supporting the optical pickup between inner and outer circumferences of the optical disc, while the optical disc is rotated;

a feeding mechanism disposed on the base for feeding the optical pickup along the guide means;

a plurality of supporting means each with an associated elastic member for elastically supporting the base, the supporting means and the associated elastic members being disposed symmetrically on the base with respect to a center line of the base along the direction of the movement of the optical pickup;

a plurality of receiving portions disposed on the base for receiving the supporting means.

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- 9. The optical disc drive according to claim 8, wherein the base is made of a single metal plate of 1.4 mm to 1.8 mm in thickness.
- The optical disc drive according to claim 8, wherein the disc rotation
 driving means and the optical pickup are disposed on one side of the base relative to
 the center line, while feeding mechanism is disposed on the other side of the base.
 - 11. The optical disc drive according to claim 8, wherein at least one of the supporting means has a first supporting elasticity and is disposed on the base near the disc rotation driving means, while at least another one of the supporting means has a second supporting elasticity different from the first supporting elasticity and is disposed on the base away from the disc rotation driving means.
 - 12. The optical disc drive according to claim 11, wherein the supporting means disposed near the disc rotation driving means is supported at a different height relative to the supporting means disposed away from the disc rotation driving means.
 - 13. The optical disc drive according to claim 8, wherein at least two of the supporting means are disposed on each side of the base with respect to the center line.
 - 14. The optical disc drive according to claim 8, wherein at least two of the receiving portions are disposed on each side of the base with respect to the center line.
 - 15. An optical disc drive for recording data on and/or reproducing data from an optical disc comprising:
 - a support pedestal;
 - a base supported by the support pedestal;
 - disc rotation driving means disposed on the base for rotating an optical disc loaded in the base;
 - a disc tray movably disposed on the support pedestal between a first position where the optical disc is removable and a second position where the optical disc is at the disc rotation driving means;

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an optical pickup disposed on the base for recording data on and/or reproducing data from the optical disc;

guide means disposed on the base for movably supporting the optical pickup between inner and outer circumferences of the optical disc, while the optical disc is rotated:

a feeding mechanism disposed on the base for feeding the optical pickup along the guide means; and

a base support member for supporting the base with a plurality of supporting means disposed symmetrically with respect to a center line of the base along the direction of the movement of the optical pickup, each of the supporting means including an elastic member.

- 16. The optical disc drive according to claim 15, wherein the base is made of a single metal plate of 1.4 mm to 1.8 mm in thickness.
- 17. The optical disc drive apparatus according to claim 15, wherein the disc rotation driving means and the optical pickup are disposed on one side of the base relative to the center line, while the feeding mechanism is disposed on the other side of the base.
- 18. The optical disc drive according to claim 15, wherein at least one of the supporting means has a first supporting elasticity and is disposed on the base near the disc rotation driving means, while at least another one of the supporting means has a second supporting elasticity different from the first supporting elasticity and is disposed on the base away from the disc rotation driving means.
- 19. The optical disc drive according to claim 18, wherein the supporting means disposed near the disc rotation driving means is supported at a different height relative to the supporting means disposed away from the disc rotation driving means.
- 20. The optical disc drive according to claim 15, wherein the base support member is pivotably supported around the support pedestal, thereby allowing the base

support member to move towards and away from the disc tray as the disc tray moves between the first position and the second position.

- 21. The optical disc drive according to claim 15, wherein at least two of 5 the supporting means are disposed on each side of the base with respect to the center line.
 - 22. An optical disc drive for accurately recording data on and/or reproducing data from an optical disc, comprising:

a base;

disc rotation driving means disposed on the base for rotating an optical disc loaded in the base;

an optical/pickup disposed on the base for recording data on and/or reproducing data from the optical disc;

guide means disposed on the base for movably supporting the optical pickup between inner and outer circumferences of the optical disc, while the optical disc is rotated;

a feeding mechanism disposed on the base for feeding the optical pickup along the guide means;

a plurality of supporting means disposed on the base each with an associated elastic thember for elastically supporting the base, the supporting means and the associated elastic members being disposed symmetrically on the base with respect to a center line of the base along the direction of the movement of the optical pickup;

whereby weight shifts or imbalance caused by optical pickup movement are eliminated and horizontal balance of the base is maintained during operation of the optical disc drive.

23. The optical disc drive according to claim 22, wherein the disc rotation driving means, the optical pickup and the feeding mechanism are disposed on the base in such a way that their total weight is essentially evenly distributed on the base.

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- 24. The optical disc drive according to claim 22, wherein at least two of the supporting means are disposed on each side of the base with respect to the center line.
- 25. An optical disc drive for recording data on and/or reproducing data from an optical disc, comprising:

a base;

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disc rotation driving means disposed on the base for rotating an optical disc loaded in the base;

an optical pickup disposed on the base for recording data on and/or reproducing data from the optical disc;

guide means disposed on the base for movably supporting the optical pickup between inner and outer circumferences of the optical disc, while the optical disc is rotated;

a feeding mechanism disposed on the base for feeding the optical pickup along the guide means; and

at least four supporting means each with an associated elastic member for elastically supporting the base, the supporting means and the associated elastic members being disposed symmetrically on the base with respect to a center line of the base along the direction of the movement of the optical pickup.

26. The optical disc drive according to claim 25, wherein at least two of the supporting means are disposed on each side of the base with respect to the center line.

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